

Docket No. 05-0407  
Quality Exhibit 1.1

Contract between the City of Highland Park, Illinois and Chicagoland Paving Contractors, Inc.,  
for the 2004 Asphalt Street Program Project #2027

**City Of Highland Park  
Lake County, Illinois**

**Specifications and Form of Contract**

**For**

**2004 Asphalt Street Program**

**Project # 2027**

  
\_\_\_\_\_  
**Perry Walcott, P.E., City Engineer**

**April 28, 2004**

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### INVITATION FOR BIDS

The City of Highland Park, Department of Public Works, 1150 Half Day Rd., Highland Park, Illinois will receive sealed bids until 11:00 a.m., on Thursday, May 27, 2004, at which time they will be publicly opened and read.

The proposed work is called the 2004 Asphalt Street Repair Program, located in the City of Highland Park, County of Lake, Illinois.

The kinds of major work and materials and estimated quantities of proposed materials to be used in construction of said improvement are as follows:

1. Bitum. Binder C I Ty 2 Mix C	3,029 Ton
2. Bitum. Surface C I Ty 2 Mix D	3,029 Ton
3. Scarification or Grinding	29,119 Sq. Yd.
4. P.C.C. Curb R&R	2,808 Lin. Ft.
5. P.C.C. Pavement Removal	1,152 Sq. Yd.
6. P.C.C. Pavement Replacement	1,152 Sq. Yd.

Plus any other appurtenant items necessary to complete this improvement.

Each proposal shall be made on a form furnished by the City and must be accompanied by a bank cashier's check or a certified check (bid bonds are not permitted) as specified in the Specifications.

The work under the proposed contract will commence within fifteen (15) days after the signing of the contract and shall be completed by August 27, 2004.

Payments to the Contractor will be made in cash on a monthly basis as outlined in the Base Specifications.

Not less than the prevailing rate of wages as found by the City of Highland Park or the Illinois Department of Labor or as determined by a court on review shall be paid to all laborers, workmen and mechanics performing work under this contract.

The Plans, Proposals and Contract Documents may be obtained from Department of Public Works, Administration Office, City of Highland Park, 1150 Half Day Rd., Highland Park, Illinois 60035 upon the submittal of a "Certificate of Eligibility."

The City Council reserves the right to reject any or all proposals and to waive technicalities and irregularities.

To Be Published:

Thursday, May 13, 2004 & Thursday, May 20, 2004

## INSTRUCTIONS TO BIDDER

- |                            |                                   |
|----------------------------|-----------------------------------|
| 1- Bidder's Knowledge      | 8 - Evaluation of Bids            |
| 2- Bidder's Qualifications | 9 - Contractors & Insurance       |
| 3- Method of Bidding       | 10 - Equal Employment Opportunity |
| 4- Addenda & Information   | 11 - Prevailing Wage              |
| 5- Submission of Bids      | 12 - Execution of Contract        |
| 6- Bid Security            | 13 - Sexual Harassment            |
| 7- Withdrawal of Bids      | 14 - Contract Time                |

### 01 - Bidder's Knowledge

Before submitting a bid, each bidder shall examine the Documents carefully, shall read the Specifications and all other proposed Contract Documents, and shall visit the site of the Work. Each bidder shall fully inform himself prior to bidding as to existing conditions and limitations under which the Work is to be performed, and shall include in their bid a sum to cover the cost of items necessary to perform the Work as set forth in the proposed Contract Documents. No allowance will be made to a bidder because of lack of such examination or knowledge. The submission of a bid will be considered as conclusive evidence that the bidder has made such examination.

### 02 - Bidder's Qualifications

The bidder may be required to furnish evidence satisfactory to the Owner that they have sufficient means and experience in the types of work called for to assure completion of the Contract in a satisfactory manner.

The bidder shall provide the names of the client, phone number, contact person and the value of previous contracts.

### 03 - Method of Bidding

In order to receive consideration, make bids in strict accordance with the following:

- A. Make bids upon the forms provided therefore, properly signed and with all items filled out. Do not change the wording of the bid form, and do not add words to the bid form. Unauthorized conditions, limitations, or provisions attached to the bid will be cause for rejection of the bid. If alterations by erasure or interlineation are made for any reason, provide an explanation over such erasure or interlineation with a signed statement from the bidder.
- B. No telegraphic modification of bid will be considered. No bids received after the time fixed for receiving them will be considered. Late bids will be returned unopened.
- C. Address bids to the Owner, and deliver to the address given in the invitation to bid on or before the date and hour set for opening the bids. Enclose each bid in a sealed envelope bearing the title of the work, the name of the bidder, and the date and hour of the bid opening. Submit only the original signed copy of the bid. It is the sole responsibility of the bidder to see that his is received on time.

### 04 - Addenda & Interpretations

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Any interpretations of the meaning of the Plans, Specifications, or other Contract Documents, shall be made to the Deputy Director of Public Works, 1150 Half-Day Road, Highland Park, Illinois 60035. To be given consideration, such a request must be received at least seven days prior to the date fixed for the opening of bids. Any and all such interpretations and any supplemental instructions will be in the form of written addenda which, if issued, will be sent by certified mail, with return receipt requested, to all prospective bidders, at the respective addresses furnished for such purpose, not later than three days prior to the date fixed for the opening of bids. Failure of any bidder to receive any such addendum or interpretation shall not relieve said bidder from any obligation under his bid as submitted. All addenda so issued shall become a part of the Contract Documents.

#### **05 - Submission of Bids**

The proposal signed by a legally authorized representative of the bidder shall be submitted on copies of the enclosed "Form of Proposal". The proposal and the bid security shall be submitted in a sealed envelope or packages bearing the return address of the address of the bidder and shall be addressed as follow:

To: Public Works Administration  
1150 Half Day Road  
Highland Park, IL. 60035

Proposal For: 2004 Asphalt Street Repair Program

A legally authorized representative of the bidder shall sign the bids.

Only the proposal form shall be included in the envelope with the bid and bid security.

#### **06 - Bid Security**

Bank cashiers check, bank draft, or certified check for must accompany each bid not less than percent of the Total Bid Amount as specified in the table herein.

The check shall be made payable to the City of Highland Park, Highland Park, Illinois. The Check shall be forfeited and become the property of the owner in case the bidder fails to enter into contract and furnish bond within twenty (20) calendar days after his proposal has been accepted.

The Checks of all bidders, except the two lowest bidders, will be returned promptly after the proposals have been checked, tabulated, and the relationship of the proposals, established. The checks of the two lowest bidders shall be returned after execution of the contract, furnishing certificate of insurance and furnishing security bonds by the successful bidder.

**Contract Bid Security Limits**

Amount of Bid		Bid Security (upper limit)	% of Bid
\$ 0	\$ 5000	\$ -	0 %
\$ 5000	\$ 10,000	\$ -	0 %
\$ 10,000	\$ 50,000	\$ 5,000	10.0 %
\$ 50,000	\$ 100,000	\$ 5,000	5.0 %
\$ 100,000	\$ 150,000	\$ 4,500	3.0 %
\$ 150,000	\$ 250,000	\$ 7,500	3.0 %
\$ 250,000	\$ 500,000	\$ 15,000	3.0 %
\$ 500,000	\$ 1,000,000	\$ 30,000	3.0 %
\$ 1,000,000	\$ 1,500,000	\$ 45,000	3.0 %
\$ 1,500,000	\$ 2,000,000	\$ 60,000	3.0 %
\$ 2,000,000	\$ 3,000,000	\$ 90,000	3.0 %
\$ 3,000,000	\$ 5,000,000	\$ 150,000	3.0 %

**Bid bonds will not be accepted.**

**07 - Withdrawal of Bids**

Proposals may be withdrawn or modified any time prior to the scheduled closing time for the receipt of the bids; but no proposal may be withdrawn for a period of sixty (60) calendar days thereafter.

**08 - Evaluation of Bids**

The contract, if awarded, will be awarded to the responsible bidder who has proposed the lowest bid, subject to the Owner's right to reject any or all bids and to waive informality and irregularity in the bids and in the bidding.

**09 - Contractor's Insurance**

- A. **Insurance** Prior to the execution of the Contract Agreement, the successful bidder shall deliver to the City of Highland Park an Owner's Protective Liability Policy, or coinsurance, protecting said City and its agents, officer/ employee against loss from any person or persons in the course of, arising out of, or relating to the performance of work required to be performed by said contractor. Public liability coverage shall be written for not less than \$2,000,000 for injury or death to more than one-person in an accident, nor less than \$4,000,000 for property damage.

The Contractor shall take out and maintain during the life of the Contract, Comprehensive Automobile and General Liability Insurance, and the Property Insurance which addresses employees non-ownership liability as follows: Bodily injury coverage shall be written for not less than \$2,000,000.00 each accident; property damage - \$4,000,000.00 each accident. No policy containing a deductible will be accepted in satisfaction of this requirement and every Certificate of Insurance shall state that no deductible exists.

ISO Form B (CG2010) will be included in the submitted insurance liability policy.

All insurance policies shall have a thirty (30) day notification clause of change in coverage and / cancellation or expiration and shall name the City of Highland Park will be provided a copy of the entire insurance policy prior to contract award or the Certificate of Insurance and a letter from the broker issuing the insurance policy to the effect that the Certificate accuracy reflects the contents of the insurance policy.

All submitted insurance will be issued from insurance firms that have a minimum A.M. Best rating of B+:VII.

- B. Workmen's Compensation Insurance Before beginning the work, the Contractor shall furnish to the City of Highland Park satisfactory proof that he has taken out, for the period covered by the work under this contract, full compensation insurance for all persons whom he may directly or through subcontractors in carrying out the work contemplated under this contract. Such insurance shall be maintained in full force and effect during the period covered by this contract, and shall hold the City of Highland Park free and harmless for all personal injuries of all persons whom the Contractor may employ directly or through subcontractors.
- C. Notifications of Surety or Insurance Companies The surety companies and other signers of any of the bonds listed above, and all insurance companies, shall familiarize themselves with all of the conditions and provisions of this contract, and they waive the right of special notification of any change or modification of this contract or extension of time, or of decreased or increased work, or the cancellation of the contract, or of any other act or acts by the City of Highland Park or its authorized employees and agents under the terms of this contract and failure to so notify the aforesaid surety companies of insurance companies of changes shall in no way relieve the surety companies or insurance companies of their obligation under this contract.
- D. Hold Harmless Agreement Before beginning the work, the Contractor shall furnish a signed "Hold Harmless Agreement" to the City of Highland Park. A "Hold Harmless Agreement" form is attached for this purpose.

#### 10 - Equal Employment Opportunity

In the event of the Contractor's noncompliance with any provision of this Equal Employment Opportunity clause, the Illinois Fair Employment Practices Act or the Fair Employment Practices Commission's Rules and Regulations for Public Contracts, the Contractor may be declared non-responsible, and therefore, ineligible for future contracts or subdivisions or municipal corporations, and the contract may be canceled or voided in whole or in part, and such other sanctions or penalties may be imposed or remedies invoked as provided by statute or regulation.

During the performance of this contract, the contractor agrees as follows:

- A) That it will not discriminate against any employee or applicant for employment because of race, color, religion, sex, national origin or ancestry; and further, that it will examine all job classifications to determine if minority persons or women are underutilized and will take appropriate affirmative action to rectify any such underutilization.



- B) That, if it hires additional employees in order to perform this contract, or any portion hereof, it will determine the availability (in accordance with the Commission's Rules and Regulations for Public Contracts) or minorities and women in the area(s) from which it may reasonably recruit, and it will hire for each job classification for which employees are hired in such a way that minorities and women are not underutilized.
- C) That, in all solicitation or advertisements for employees placed by it or on its behalf, it will state that all applicants will be afforded equal opportunity without discrimination because of race, color, religion, sex, national origin or ancestry.
- D) That it will send to each labor organization or representative of workers with which it has or is bound by a collective bargaining or other agreement or understanding, a notice advising such labor organization or representative of the Contractor's obligations under the Illinois Fair Employment Practices Act or the Fair Employment Practices Commission's Rules and Regulations for Public Contractors. If any such labor organization or representative fails or refuses to cooperate with the Contractor in its efforts to comply with such Acts and Rules and Regulations, the Contractor will promptly so notify the Illinois Fair Employment Practices Commission and the contracting agency and will recruit employees from other sources when necessary to fulfill its obligations there under.
- E) That it will submit reports as required by the Illinois Fair Employment Practices Commission's Rules and Regulations for Public Contracts, furnish all relevant information as may from time to time be requested by the Commission or the contracting agency, and in all respects comply with the Illinois Fair Employment Practices Act and the Commission's Rules and Regulations for Public Contracts.
- F) That it will permit access to all relevant books, records, accounts and work site by personnel of the contracting agency and Illinois Fair Employment Practices Act and the Commission's Rules and Regulations for Public Contracts.
- G) That it will include verbatim or by reference the provisions of paragraphs 1 through 7 of this clause in every performance subcontract as defined in Section 2.10 (b) of the Commission's Rules and Regulations for Public Contracts so that such provisions will be binding upon every subcontractor; and it will also include the provisions of paragraphs 1, 5, 6 and 7 in every supply subcontract as defined in Section 2.10 (a) of the Commission's Rules and Regulations for Public Contracts so that such provisions will be binding upon every such subcontractor. In the same manner as with other provisions of this contract, the Contractor will be liable for compliance with applicable provisions of this clause by all its subcontractors; and, further, it will promptly notify the contracting agency and the Illinois Fair Employment Practices Commission in the event any subcontractor fails or refuses to comply therewith. In addition, no Contractor will utilize any subcontractor declared by the Commission to be non-responsible and therefore ineligible for contracts or subcontracts with the State of Illinois or any of its political subdivision or municipal corporations. With respect to the two types of subcontracts referred to under Paragraph 7 of the Equal Employment Opportunity Clause above, the following is an excerpt of Section 2 of the FEPC's Rules and Regulations for Public Contracts:

"Section 2.10"

The term "Subcontract" means any agreement, arrangement or understanding, written or otherwise, between a Contractor and any person (in which the parties do not stand in the relationship of an employer and an employee):

- a) for the furnishing of supplies or services or for the use of real or personal property, including lease arrangements, which in whole or in part, is utilized in the performance of any one or more contracts; or
- b) under which any portion of the Contractor's obligation under any one or more contracts is performed, undertaken or assumed;
- c) for bid specifications for construction or services.

#### **11 - Prevailing Wage**

The 2004 Illinois Department of Labor Prevailing Wages for Lake County is applicable for this project and is attached.

#### **12 - Execution of Contract**

The successful bidder shall, within fifteen (15) calendar days of the mailed written notice of selection, enter into contract with the owner on forms included with the specifications for the performance of work awarded him, and simultaneously provide the appropriate indemnities and insurance required hereunder.

The contract, when executed, shall be deemed to include the entire agreement between the parties; the Contractor shall not claim any modification from representation or promise made by representatives of the owner or other persons.

#### **13 - Sexual Harassment**

All bidders shall have written sexual harassment policy in full compliance with Section 2-105 of the Illinois Human Rights Act 775ILCS 5/2-105(A)(4).

#### **14 - Contract Time**

The contract shall be completed by August 27, 2004.

### **END INSTRUCTIONS TO BIDDERS**

## **SPECIAL PROVISIONS - GENERAL**

### **1 - Forms of Special Provisions**

Omissions of words or phrases such as "the contractor shall," "in conformance with," "shall be," "as noted on the plans," "according to the plans," "a," "the," "and" "all" are intentional, and the Contractor must supply omitted words or phrases by inference.

### **2 - Notice to Proceed**

The Contractor shall proceed with the work and in the time set forth according to the conditions as outlined in the Invitation For Bids.

### **3 - Minor Work**

Any minor work not specifically mentioned in the specifications or shown on the plans, but obviously necessary for proper completion of the work, shall be considered as being a part of and included in the contract, and shall be executed in the proper manner, and the Contractor shall not be entitled to extra or additional compensation for the same.

### **4 - Line and Grade**

Line and grade stakes will be provided initially and on a one-time only basis by the Engineer at no cost to the Contractor. Any subsequent staking required will be at the Contractor's expense.

### **5 - Waste Sites**

All waste material shall be hauled to a site of the Contractor's choice. Cost of disposal of same will be included in the contract cost and not paid by the City as a separate item.

### **6 - Working Days**

Except for such work as may be required to properly maintain lights and barricades, no work will be permitted on Sundays or legal holidays, and on weekdays between 7:00 p.m. and 7:00 a.m. On Saturdays, no work shall begin before 9:00 a.m. or proceed after 5:00 p.m. without specific permission of the Engineer.

### **7 - Codes and Standards**

The "Standard Specifications for Road and Bridge Construction" prepared by the State of Illinois, Department of Transportation and adopted by said Department January 1, 2002, and the Standard Specifications for Traffic Control Items, prepared by said Department and adopted November 1, 1994, shall govern the construction of the proposed improvement insofar as applicable and except as modified herein: said specifications shall hereinafter be referred to as the "Base Specifications." The following regulations or the latest revisions thereof are adopted by reference and the Contractor shall be responsible for conformance to same:

1. "Highland Park Building Code"

## 2. "Illinois Manual of Uniform Traffic Control Devices"

The following special provisions supplement these specifications, and in case of conflict, the special provisions shall take precedence and shall govern:

### Division 1. Add the following articles to Section 101 of the State Standard Specifications - Definition of Terms

#### Art. 101.55 Awarding Authority

The terms "State, Department, Council, City, Owner, Municipality" or other words used to describe the Awarding Authority in these documents and the Standard Specifications shall be interpreted to mean the City Council of the City of Highland Park.

#### Art. 101.56 Highway

Shall also include "Street, Parking Lots, Public Easements, Approaches," and shall be construed to mean the entire area defined in Art. 101.34.

## 8 - Use of Fire Hydrants

No use of fire hydrants shall be permitted. Water is available at the Public Works yard at 1150 Half Day Road. A water use permit must be taken out by the contractor without fee.

## 9 - Home Access

The Contractor shall conduct his operation so that access to existing homes is maintained.

## 10 - Construction Schedule

Prior to commencing construction operations, the Contractor or his authorized representative shall meet with the Engineer of the City of Highland Park and present, in writing, his proposed construction schedule. Said schedule shall contain such information as the Engineer deems necessary, particularly in regard to location and date of starting construction, location of off-site disposal areas and access routes to be used, and when various phases of the work (including restoration) will be completed.

## 11 - Conduct of Construction Operations

Cooperation shall be extended by the Contractor to notify homeowners as to when direct vehicular access to their property will be curtailed and approximate length of time of such curtailment and directions where to park. Written notification will be given to all effected properties 48 hours prior to access curtailment. A sample letter shall be provided to the Engineer at the time of the pre-construction meeting.

Heavy construction vehicles will not be permitted to cross over curbs or use private driveways for turnarounds. Any damage to parkways, curbs and driveways caused by the Contractor's operations will be repaired at his expense.

## 12 - Sanitary Facilities & Rubbish Control

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The Contractor shall provide suitable toilet facilities at the job site in a location approved by the Engineer. The facility shall be approved by the City and shall be kept in a clean and sanitary condition. Sanitary Sewer manholes used for toilet facilities shall be cleaned and flushed upon removal of temporary toilet facilities.

During construction, the premises shall be kept clean of rubbish, paper and other debris. A suitable refuse container shall be provided in the vicinity of the parking area for disposal of lunch wrappings and garbage. The refuse contained shall be emptied regularly.

### **13 - Tree Trimming**

All tree trimming, pruning and repair of wound surfaces shall be at the Contractor's expense and under the supervision of the City Forester. The Contractor shall provide proper tree guards to protect trees from damage due to construction equipment and operations. The Contractor shall provide all labor and materials required, and the cost thereof shall be incidental to and included in the contract unit price for earth excavation. All dead trees within the right of way of the improvement shall be removed and shall be paid for at the contract unit price listed in the proposal.

### **14 - Construction Safety**

The Contractor shall take all precautions necessary to protect the general public and his workmen from hazardous locations that might occur within the limits of the improvement. All trench openings and other construction openings extending below the pavement subgrade shall be fenced off with an adequately supported four-foot high snow fence at all times when actual construction is not in progress at the opening location.

The duty of the Engineer to inspect all work done and materials furnished and to suspend any work that is being improperly performed does not include review or approval of the adequacy of the contractor's safety measures, methods and bracing of excavated trenches in, on or near the construction site.

### **15 - Bracing and Sheeting**

It shall be the contractor's responsibility to protect open cut trenches as may be required by state or federal law, as may be necessary to protect life, property or the work. Trenches in the pavements or in close proximity to improved streets or roadways shall be sheeted or braced in a substantial and effective manner. Sheeting may be removed after backfilling has been completed to such elevation as to permit its safe removal. Sheeting and bracing left in place must be removed for a distance of three feet below the established street grade. The cost of furnishing, placing and removing sheeting and bracing shall be incidental to construction, and included in the contract unit price for the work being done.

**16 - Potable Water Lines**

Any work done on a potable water supply shall be done under the direction of a plumber licensed by the State of Illinois. The contractor shall furnish the Engineer with the plumber's license number prior to starting any work on any potable water supply.

**17 - Liquidated Damages**

If the contractor fails to complete the project within the time limit specified, liquidated damages in the amount specified under ISP 86-36, "Special Provision For Failure To Complete Work On Time", shall be imposed for each calendar day until the project is completed.

**18 - Protection of Utilities**

In excavating trenches and laying pipe, all existing utilities, including water pipes and services, sewer pipes and services, gas pipes and services, electric or telephone transmission pole lines, cable or conduits, shall be protected, supported, maintained in service and restored to the condition in which they were found, all at no extra remuneration. Where any utility facility, including service connections, is endangered or damaged by the work, the utility management shall be notified by the contractor, and the contractor shall cooperate with the utility and pay the cost of protection and repair, if damaged. The engineers have endeavored to locate subsurface obstructions from field surveys and available records, and known structures are shown on the plans or notice given of their presence. While the work was carefully done, the accuracy of the information cannot be guaranteed. Invert elevations of sanitary and storm sewers have been obtained from field surveys; where possible, elevations are shown on the plans. Wherever the contractor deems it necessary to determine the exact location of existing pipe, valve or other underground structures, the contractor may make any examinations that he may determine desirable in advance of the work. No added compensation will be paid therefor.

**19 - Tree Protection at the Site**

Contractor is responsible for using wood-lathe, snow fence-type material supported by metal posts no further than 10' feet apart. The temporary fencing should be installed at the "drip-line", or as far away from the trunk of the tree as it is practical. It is more effective to fence groups of trees together for protection rather than to address trees separately. The City Forester needs to be contacted prior to construction, or at the pre-con, to inspect and/or approve the Contractor's proposed tree protection plan and fencing. No equipment or materials shall be allowed within the drip line of any tree

**20 - List of Streets**

Street	From	To	Length	Width	Area
Dato Ave.	Hyacinth	Hill	2,023	16	3596.4
Havenswood	All		340	15	566.7
McCraren Rd.	Berkeley Rd.	South end	775	22	1894.4
Broadview Ave.	Green Bay	Roger Williams	1491	18	2982
Brook Rd.	All		1155	18	2053.3
Western Ave.	Old Elm	Hill St.	2597	18	5194
Ashland Pl.	All		446	18	892
Baldwin Ave.	All		1564	16	2780.4
Kipling Ct.	All		482	24	1285.3
Kipling Ln.	All		957	24	2552

Summit Ave	Half Day Rd.	Krenn	4250	24	11333.33
				Total	35,130

## **SPECIAL PROVISIONS - DETAIL SPECIFICATIONS**

The following Detailed Specifications apply to the proposal items as numbered.

Before any materials are incorporated into the job, the contractor will make sure that the materials will meet the specifications of Section 1000, MATERIALS, "State of Illinois, Standard Specifications for Road and Bridge Construction, Adopted January 1, 2002" and will furnish necessary certification that they meet the specification.

### **ITEM 406001 - BITUMINOUS MATERIALS (PRIME COAT)**

This work shall be done in accordance with Section 406 of the Standard Specifications insofar as applicable.

It shall be the contractor's responsibility to clean the area to be primed that day to provide a clean surface.

When deemed necessary by the Engineer, prime coat will be applied to bituminous binder course or concrete pavement at the rate of 0.05 to 0.10 gallons per square yard.

#### **Method of Measurement**

The maximum quantity of prime measured for payment shall be limited by multiplying the actual area primed, as measured in the field, by the maximum rate of application of 0.10 gallons per square yard.

### **ITEM 406002 - BITUMINOUS CONCRETE DRIVEWAY PAVEMENT REMOVAL AND REPLACEMENT 3"**

This work shall be done in accordance with Sections 406 and 440 of the Standard Specifications insofar as applicable.

This work shall consist of transitioning bituminous driveways into new curb. Driveways shall be sawed two inches deep, prior to their removal, where the new driveway pavement meets the existing pavement, as directed by the Engineer, and replaced in two lifts of Class I surface course, each 1-1/2 inches thick. Any existing driveway edging shall be carefully removed and replaced incidental to the cost of this item. Driveway edging damaged by the contractor shall be replaced at his expense.

The contractor shall notify all residents 24 hours prior to removing their driveway.

#### **Basis of Payment**

This work will be paid for at the contract unit price per square yard of bituminous concrete driveway pavement removal and replacement 3", which price shall be payment in full for bituminous concrete surface course Cl. I, removal and disposal of existing materials, excavation, 6" thick granular sub base, shaping, compaction, labor, equipment and incidental expenses necessary to complete the work as specified.



**ITEM 423005 - PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT REMOVAL & REPLACEMENT - 6"**

This work shall be done in accordance with Section 423 of the Standard Specifications insofar as applicable and as detailed on the Detail.

This work shall consist of transitioning existing concrete driveways into new curb. Driveways shall be sawed their entire thickness prior to their removal, where the new driveway pavement meets the existing pavement, as directed by the engineer, and replaced with P.C. concrete as detailed.

The contractor shall notify all residents prior to removing their driveway.

**Basis of Payment**

This work will be paid for at the contract unit price per square yard of Portland Cement Concrete Driveway Pavement Removal and Replacement 6", which price shall be payment in full for Portland Cement concrete, removal and disposal of existing materials, excavation, 1" thick granular sub base, shaping, compaction, labor, equipment and incidental expenses necessary to complete the work as specified.

**ITEM 424006 - PORTLAND CEMENT CONCRETE SIDEWALKS AND RAMPS REMOVAL AND REPLACEMENT**

The Work shall consist of the construction of sidewalks as specified in the Special Provisions.

**Basis of Payment**

The basis for the payment for this Work will be the contract unit price per square foot, which includes traffic control, sidewalk removal, expansion and contraction joints, pouring, consolidating, finishing, curing and protecting the P.C.C. sidewalk, backfilling with topsoil and seeding, removal and disposal of all surplus materials, restoration of parkways and any and all other work necessary or incidental (except structure adjustments) to the construction of 5" or 6" sidewalks or sidewalk ramps as specified

**ITEM 440007 - BITUMINOUS SURFACE REMOVAL - GRINDING OR SCARIFICATION - 3"**

This work shall be done in accordance with Section 440 of the Standard Specifications insofar as applicable. This work shall consist of removing the existing bituminous surface from the street to the concrete as directed by the Engineer.

Removal of bituminous will be by either pavement grinding or scarification by mechanical equipment. No heater planer will be allowed.

The contract unit price for this work shall include all grinding or scarifying, removal, loading, disposal, sweeping, cleaning and preparing the base for bituminous concrete resurfacing.

**Basis of Payment**

The basis for the payment for this Work will be the contract unit price per square yard of Bituminous Surface Removal - Grinding or Scarification, which includes all material, equipment, labor and incidental expenses necessary to complete as specified.

#### ITEM 440008 - P.C.C. SURFACE REMOVAL 1-1/2 "

This work shall be done in accordance with Section 440 of the Standard Specifications insofar as applicable.

The work shall consist of removing existing concrete surface at the flag of the curb where less than 2-1/2 inches is available for the proposed bituminous overlay. The grinding shall be four feet wide and the depth will taper from 1- 1/2 " to 0" in the four feet width.

Removal of the P.C.C. Surface 1-1/2" will be by mechanical pavement grinding equipment.

#### Method of Measurement

The P.C.C. Surface Removal 1-1/2" will be measured in linear feet.

#### Basis of Payment

This work will be paid for at the contract unit price per linear foot of the P.C.C. Surface Removal 1-1/2", which price shall be payment in full for all equipment, labor, removal and disposal of existing materials, sweeping, cleaning and incidental expenses necessary to complete as specified.

#### ITEM 440009 - P.C.C. PAVEMENT REMOVAL

This work shall be in accordance with Section 440 of the Standard Specifications, insofar as applicable.

This work shall consist of saw cutting (full depth) the existing pavement, removing the existing P.C.C. pavement, preparation of the sub-base, aggregate base repair (if necessary), as directed by the engineer. Excavated materials must be removed from the site as work progresses and may not be temporarily stored on site.

All debris shall be cleaned-up and removed before the end of each working day and be disposed of offsite at the contractors entire expense.

The aggregate base repair material shall be limited to CA-6 crushed stone or crushed gravel.

This work shall be paid for at the contract unit price per square yard of Pavement Removal, which price will be payment in full for pavement removal, full depth saw cut, disposal of existing materials, shaping, compaction, labor, equipment and incidental expenses necessary to complete the work specified.

**ITEM 441010 P.C.C. PAVEMENT REPLACEMENT**

This work shall conform to Section 441 of the Standard Specifications and shall consist of replacing pavement that was removed. The pavement replacement shall be limited to high early strength Portland cement concrete 7" thickness replacement using dowels and tie bars as shown in the details.

P.C.C. Pavement Replacement will be paid for at the contract unit price per square yard.

**ITEM 602011 - VALVE VAULTS, MANHOLES, INLETS, CATCH BASINS TO BE ADJUSTED**

This work shall be done in accordance with Section 602 of the Standard Specifications insofar as applicable.

New castings to replace old castings will be provided by the City to be installed by the contractor where deemed necessary by the Engineer; however, if it is necessary to replace the casting because of damage done by the Contractor, the cost of the new casting will be deducted from the Contractor's final estimate. Replacement frames shall be picked up by the Contractor at Public Works and replaced frames shall be stockpiled at Public Works for the City by the Contractor.

**ITEM 602012 - VALVE VAULTS, MANHOLES, INLETS, CATCH BASINS TO BE RECONSTRUCTED.**

This work shall be done in accordance with Section 602 of the Standard Specifications insofar as applicable.

**ITEM 606013 - CURB R&R**

The work shall be conducted in accordance with Section 606 of the Standard Specifications.

A curb machine shall not be required. The new curb shall match the contour of the existing curb. No voids shall exist in the new curb. An approved water reducing admixture which also increases the workability of the concrete will be required for curb placed by hand method. No reduction in cement content will be permitted. The curb shall be placed on a compacted 2" granular sub-base of CA-6 crushed stone. This item includes the removal and disposal of the existing concrete curb.

**ITEM 701014 - TRAFFIC CONTROL AND PROTECTION**

This work shall be done in accordance with Section 701 of the Standard Specifications insofar as applicable.

This item consists of furnishing, installing and maintaining of all temporary signs, barricades, warning lights, fences, flagmen and other devices which are to be used for purposes of regulating, warning or guiding vehicular or pedestrian traffic during construction of this project.

The contractor shall maintain one lane open to traffic at all times. Two lanes of traffic shall be maintained at all times during nonworking hours. Type II barricades (State of Illinois Standard 2299-9) with lights shall be maintained, whenever one lane of traffic is to be closed, at 25 foot intervals, except wherever there is a vertical grade difference of six inches or more; barricades shall be spaced at ten foot intervals, throughout the improvement.

When it becomes necessary to close a street due to work through an intersection or street crossing, the contractor shall provide traffic control devices in accordance with State of Illinois Standard "701501-02".

No excavation shall be left open overnight. All traffic control devices shall remain in place until specific authorization for their removal is received from the Engineer.

No work shall proceed unless all traffic control devices are in place as specified herein or as directed by the engineer.

#### Method of Measurement

Traffic Control and Protection required under the various State Standards will be measured on a lump sum basis only once. Additional flagmen, fencing, signs or barricades as may be required by the Engineer for safe movement of traffic and pedestrians shall be incidental to this item and included in the unit price.

#### Basis of Payment

This work will be paid for at the contract unit price, lump sum for Traffic Control and Protection, which price shall be payment in full for all labor, materials, installation, transportation, maintenance, handling flagmen and incidental expenses or work necessary to furnish, install, maintain and remove all traffic control devices indicated herein and as directed by the Engineer to complete the work as specified.

#### **ITEM 780015 to 780019 – THERMOPLASTIC PAVEMENT MARKING**

This work shall be done in conformance with Section 780 of the Standard Specifications as applicable. This work will be paid for at the contract unit prices per foot of applied marking as specified.

#### **ITEM Z00013 - SAWING PAVEMENT (FULL DEPTH)**

This work shall be done in accordance with the Standard Specifications insofar as applicable.

This work shall consist of neatly sawing existing concrete pavements, their entire thickness, as directed by the Engineer prior to removing existing concrete curbs or pavement. Concrete pavement remaining shall have a smooth face, where it has been cut. Any irregular or damaged pavement shall be sawed again at the contractor's expense.

#### Basis of Payment

This work will be paid for at the contract unit price per lineal foot of Sawing Pavement (Full Depth), which price shall include all labor, equipment, material and any other incidental expenses necessary to complete the work as specified.